



TROPICAL CYCLONE ADVISORY NO. 5

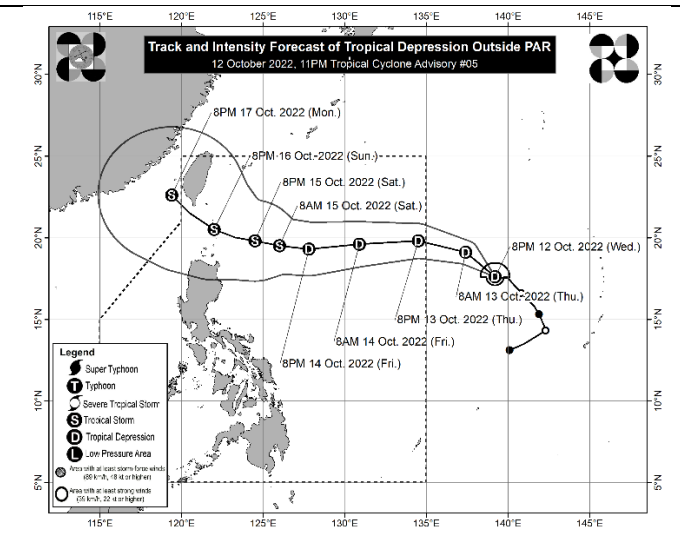
Tropical Depression

Issued at 11:00 PM, 12 October 2022

Valid for broadcast until the next advisory at 11:00 AM tomorrow

THE TROPICAL DEPRESSION IS NOW MOVING NORTHWESTWARD WHILE MAINTAINING ITS STRENGTH

Location of Center (10:00 PM)
The center of the Tropical Depression was estimated based on all available data at 1,830 km East of Northern Luzon (17.7°N, 139.0°E)
Intensity
Maximum sustained winds of 45 km/h near the center, gustiness of up to 55 km/h , and central pressure of 1004 hPa
Present Movement
West Northwestward at 20 km/h
Extent of Tropical Cyclone Winds
Strong winds extend outwards up to 100 km from the center



TRACK AND INTENSITY FORECAST

Date and Time	Center Position			Intensity		Movement dir. and speed (km/h)
	Lat. (°N)	Lon. (°E)	Location	MSW (km/h)	Cat.	
12-Hour Forecast 8:00 AM 13 October 2022	19.1	137.4	1,675 km East of Northern Luzon (Outside the PAR)	45	TD	NW 20
24-Hour Forecast 8:00 PM 13 October 2022	19.8	134.5	1,370 km East of Extreme Northern Luzon (Outside the PAR)	45	TD	WNW 25
36-Hour Forecast 8:00 AM 14 October 2022	19.6	130.9	990 km East of Extreme Northern Luzon	45	TD	W 30
48-Hour Forecast 8:00 PM 14 October 2022	19.3	127.8	665 km East of Calayan, Cagayan	55	TD	W 25
60-Hour Forecast 8:00 AM 15 October 2022	19.5	126.0	475 km East of Calayan, Cagayan	65	TS	W 15
72-Hour Forecast 8:00 PM 15 October 2022	19.8	124.5	325 km East of Calayan, Cagayan	75	TS	WNW 15
96-Hour Forecast 8:00 PM 16 October 2022	20.5	122.0	Over the coastal waters of Basco, Batanes	75	TS	WNW 10
120-Hour Forecast 8:00 PM 17 October 2022	22.6	119.4	325 km Northwest of Itbayat, Batanes	75	TS	NW 15

Prepared by: **JEMB**

Checked by: **SFD**



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GENERAL OUTLOOK FOR THE FORECAST PERIOD


- The Tropical Depression is forecast to continue moving northwestward in the next 24 hours. On the track forecast, the tropical cyclone may enter the PAR region tomorrow (13 October) morning or afternoon. After it enters the PAR, the Tropical Depression will move westward towards the Extreme Northern Luzon.
- This tropical cyclone may intensify while moving over the Philippine Sea and may reach tropical storm category by Friday. Further intensification is not ruled out.
- Current track and intensity forecast shows that there is a high likelihood that Tropical Cyclone Wind Signals will be hoisted over Batanes and several provinces in Northern Luzon. The highest possible wind signal that may be hoisted is TCWS #2.
- The passage of this tropical cyclone over Extreme Northern Luzon may bring heavy rainfall over the area beginning Saturday (15 October). Furthermore, the tropical cyclone may also bring rough to very rough seas over the northern and eastern seaboard of Luzon beginning late Friday (14 October) or Saturday. Such condition may be risky for those using small seacrafts. Mariners are advised to continue monitoring for updates.

Considering these developments, the public and disaster risk reduction and management offices concerned are advised to continue monitoring for updates related to this tropical cyclone.

Unless an intermediate advisory or initial tropical cyclone bulletin is released, the next tropical cyclone advisory will be issued at 11:00 AM tomorrow.

DOST-PAGASA

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